App.F.IX-4

1924. File No. 67-24

(mc)

Previous References

mc 143-22 ss 3 & 4
" 143-22 " 1-2
" 145-23 " 1-24

Serial Nos. 5, 6, 7, 8, 9
10, 11, 12, 13, 14
15, 16 & 17

Later references.

mc 118-24 " 5 & 6.
" 36-25 " 5, 7, 10 & 11
Mc 47-26 dt 12.3.26

Preserve

GENERAL AND REVENUE SECRETARIAT.

Serial Nos.

Part B for March 26

SUBJECT

Handing over charge of the Water Supply Works, Chickmagalur, to the Municipal Council

16 To, The Deputy Comm^r, Kadur
the Chief Engineer and the Comptroller
Nos 3382-87/a dt 9.11.25
Approval of the action of the
Chief Engineer in handing over charge of
the Chickmagalur Water works to the Mc.
cc.
17. P.W.D. order No 1882-86/a dt 21.11.25
passing orders on the Inspection
note of the Chief officer. mc.cc. Chickmagal

31.3.26

21

General and Revenue Secretariat.

6312

2nd File No. 67 of 1924 C

Serial No. 5

From

The Dy. Comr. Kaira Dist.

No. Dis/O.C. 1670/24-25 dy. 1. 4. 1925

Forwards for information letter No. 24-C. 121/24-25 dy. 28th March 1925 from the President-municipal Council Chicklimalgaum submitting a note furnished to him by the Chief Officer of the Chicklimalgaum Municipality on the inspections of the water works in which it is mentioned that the upto-work are in unsatisfactory condition and that works that are now in progress and suggesting that Govt. to arrange for the works may be arranged the examined by an outside Engineer expert before they can be taken over by the Municipality [illegible]

1) Submitted for orders as to whether a copy of the note of the Civil Officer may be forwarded to the Chief Engineer for favour of his opinion

HK 11/4

2) Mr. A. M. Pochon

11/4 25

The Engineer may perhaps be consulted unofficially to form part of the Committee on the inspection of the work

3) L. Wing

4) Secretariat

5) Chief Engr. may be requested to inspect the works himself as early as possible as various allegations about the unsatisfactory nature have been made

6) Secretariat [illegible] 16/4/25

8334 1574

DEW[illegible]

17. APR. 1925

No. 7775

Contn. Sheet

App. F. III—27

File No.

General and Revenue Secretariat.

Serial No.

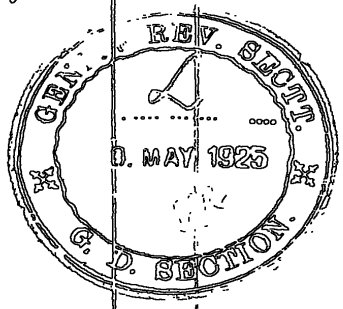
10) Forwarded in original the Chief Engineer's report on the working of the Chickmagalur water works.

Executive Engineer's D.O. letter dated 23/4/25.

11) Submitted.

4:5:25

8/27/4



12) Returned, with compliments to the Secretary to Government, Local and Legislative Departments.

13) 2. The Chickmagalur water works are not quite completed. The delivery main is 25,000 feet long and has something like 3000 joints. This main has to be thoroughly tested before it is passed. In a new main with thousands of joints, leaks will occur when pressure is applied by letting water into the main, and all joints found defective have to be rectified. Even after testing and finally passing the main, leaks will occur and will have to be attended to. Any one who has any knowledge of the working of mains must know that leaks occur and repairing them is a part of the maintenance work. The works are expected to be completed this month and will be inspected and tested by me, before they are handed over to the Municipality. The Municipeplity were asked to fix a date next month for taking over charge, but no date was fixed. I enclose copy of Executive Engineer's D.O. letter on the subject.

Serial No.

(4) With regard to the remarks of the President and the Chief Officer, I would like to know in the first instance on whose authority the Chief Officer inspected works which were in charge of another Government Department, without, the knowledge and permission of that Department and secondly is the person who inspected the works competent to pass any opinion on such highly technical matters. The Chief Officer who until a few months ago was only an Income-tax Clerk takes upon himself the responsibility of inspecting works which he has no authority to do and to attempt criticism on technical matters of which he has no knowledge. The statements made by him are not based on facts and some of them are very rediculous. I enclose Executive Engineer's report on the various points noted in Chief Officer's report with a statement of daily receipts and issues of water for the past two months. The report of the Chief Officer should never have been sent up to Government by the President and the Deputy Commissioner without verification, and I would like to draw the attention of Government to the tone and language of the President's letter forwarding the Chief Officer's inspection note to which I take strong exception. The President should be asked to withdraw his letter.

Hay 9

9169 12/5-

J. 5. 25

Chief Engineer of Mysore.

Bangalore,

May 1925.

(5) (6) As the Ex Engr ... 11/5-

Serial No

asking the Municipality to take over the works, the Municipality was, I think, in order, in getting the works inspected; but they were before taking over, as is done about Roads; but before condemning the works, the President has caused the Chief Engineer's detailed statements.

1) For asking the President to withdraw his letter as suggested by Chief Engr, and the reason thereof, for (Chief Engr) himself to see the works (as suggested in) & verify the Ex. Engrs report or send the latter's report to the President for further remarks: the latter (was) might have further Correspondence, more or less unpleasant, whereas if the Chief Engr goes & verifies facts on the spot, Govt will be able to pass suitable orders

9389
18/5.

As. To be submitted as suggested

Secretary

2) I have seen the Ex. Engr's report & the Chief Engr's remarks thereon

3) [illegible]

Rec. 12 MAY 1925
Regd. 8622
NOTE—Contn. Sheet

WD 1996—GPB—5,000—27-4-25

No. 511
E-1

MYSORE PUBLIC WORKS DEPARTMENT,
CENTRAL OFFICE,
Camp — Mysore,
Dated Bangalore, 8th June 192 5.

GENERAL & REVENUE BRANCH
1985
12 JUN. 1925

FROM

JOHN BHORE, Esq., A.M.I.C.E.,
Chief Engineer of Mysore,
Bangalore.

To

B.Nagappa, Esq., Bar-at-law.,
Secretary to Government, Local and
Legislative Departments, Bangalore.

Ml 67-24-7
6317

SIR

In continuation of this office Un-official No.133 dated the 9th May 1925, and with reference to your letter No.L.S366/Ml.67-24-6 dated the 22nd May 1925, I have the honor to forward herewith my Inspection Note on Chickmagalur Water Supply, for the information of Government.

I have the honour to be,
S i r,
Your most obedient servant,

6.25

HRR.2/8th.

Chief Engineer of Mysore.

Forward copies to Govt. Prof. Dhar requesting the Tonga, perhaps as tourist, the hours under the circumstances may be as per D.O.

10/25 18/6.

19/6

19.6

Draft submitted for approval. 19/6

with 20/6

ural and Revenue Secretariat.

Rd File No. 67 of 1924

Serial No.

8 The President Rural Council Chikkamagalur D.O. dated 20/6/25. Forwards a copy of the Chief Engineer's inspection note on Chikkamagalur water supply

2/6

D.No. 200

9 Letter no. He. 5 dated 7th July 1925 from the Deputy Commissioner, Kadur district, submitting for information a copy of the Executive Engineer's note on the letter of the Chief Engineer in which a proposal to the effect that a hydro-electric plant in Shimoga, costing Rs. 2 crores, should be taken up in preference to the Sharavathi scheme, is made. The Deputy Commissioner recommends the proposal to pay a second main as resolved by the Rural Rural Board and states that the prayer of the petitioners to waive the charges under "establishment and Tools and Plant" in the sanctioned estimate deserves sympathetic consideration.

As regards the water works in this place put in charge of a Technical man, the Engineer states that necessary further action will be taken on receipt of replies from the Presidents of Shimoga & Davanagere Municipalities who have been addressed in the matter.

3. Submitted for orders. Reference para 28. The Chief Engineer with the Commissioner agrees to-

Left a 2nd pump in Shimoga & made water supply [illegible]

NOTE.—Contn. Sheet

eral and Revenue Secretariat.

File No.: 67 of 1924

Serial No.

Draft reply sent for approval

No 1196 S 20.8.25 from the D.C. Kaira stating that the question of laying a 2nd main will be considered only after the Municipal Council withdraws such of the Criticisms as have been found to be incorrect by the Ch: Engr & agrees to appoint a technical man for supervising the work. (2) Letter No 1907 S 19.8.25 from the Ch: Engr forwarding for our's copy of a letter from the Sp: Engr Water Supply Construction Dr pointing out that unless a sufficiently qualified trained hand is employed on the water supply works will be ruined

Submitted for orders as to what further action is necessary.

The Municipality should be asked to appoint the Executive Engineer to supervise the work & employ a technical man to assist him.

1884
26/8

NOTE—Contn. Sheet

[App. F. III—2

General and Revenue Secretariat

File No. 6 of 192 6.

Serial No

by the Municipal Council of such of the criticisms relating to the management works as have been found to be incorrect by the Chief Engineer. I has asked for orders regarding the handing over of the Water Works to the Municipal Council & the manager by the Town Sanitary Engr

The Chief Engineer says that he has examined the Sanitary Engr & found him capable of managing the water supply & has instructed the Executive Engr, Water Supply Division to hand over the works to the Municipal authorities

This may perhaps be approved & the Sanitary Engr asked to send up the resolution of the Council in regard to the remarks.

As regards the 2nd Point, the President has in his letter to the Chief Engr stated that he has informed the Council that as stated by the Chief Engineer a sum of Rs 30000 would be available out of the Sanitation Grant & that could be taken up later on. This may perhaps be recorded & the question taken up when further proposals are received

3349/13/10

Order as

14/10

—Contn. Sheet

N

Subd

19/10 [illegible] 20/10 Have the Comptr a remd

20/10

Subd - this has been done with [illegible] 20/10/25

Comptr rmkd for approval

L. L. Secy

24/10.

26/10

24/10

30/10

16. d 3883-5. 9/11/25.

From D. C Kadur

The Chief Engineer

The Comptroller.

Approves the action of the Chief Engineer in handing over the Chickkanagalore Town water supply works to the M.C. and awaits the resolution of the M.C. in the matter of the withdrawal of such of the criticisms relating to the execution of water works & as regards the second main ~~is~~ to observe that D.C has already informed the M.C. that a sum of Rs 3 0000 would be [illegible] the Government on this

App. F. III—2]

File No. 67

2367
2794

pf. 192

WD 0569—GPB—40,000—7-25

General and Revenue Secretariat

Serial No. 1 REVENUE SECRETARIAT 12 NOV 1925

and that the work would be taken up thereafter on

Note—Contn. Sheet

D. 3529

[App. F. III—2

eral and Revenue
Secretariat

Ml File No. 67 of 1924

Serial No

Go. No 1882-1085 dt 24. 11. 25 from the Secy PWD
Passes final orders on the inspection notes of the
Chikmagalur town waterworks & the Chief Offr
Chikmagalur Mnl. Cl.-

Govt. It has been observed that the reports of
the Asst. Engr. Mnl. Cl. Chikmagalur & the Chief
Officer are based on misapprehensions
and that the Chief Offr. has exceeded his
jurisdiction & gone beyond his sphere of duties
in issuing instructions on technical matters.

Earl 6.1.12 — 2 2 Secs)
2 Hrs)

2/12

8 hrs
5/1

I shall be glad if
P.W. Secy will kindly
obtain Dewans orders
and then file to me
for perusal as it relates
to a town municipal
council

Dc
10/12/25
8 to 10 pm

GENERAL & REVENUE SECRETARIAT
- 7. DEC. 1925
LOCAL SELF GOVT.

5310
9/12

PUBLIC WORKS SECRETARIAT
Regd. No. 1763
Date 12/12/24
BANGALORE.

(1) D. No. 788

Public Works and Electrical Secretariats. | File No. | of 192 .

Serial No.

Submitted to the Dewan of Mysore-

2. If approved, the file will be submitted to the Second Member of Council for perusal-

H. V. Seshadri

Secretary to Government,
Public Works Department.

DEWAN'S OFFICE,
29. DEC. 1925
Reg. No. 1 L

Bangalore,
29th December 1925.

T.R.S.

Accompaniments.

G. R. S. Ex-Officio file
P.W. Secretariat Diary No. 1 [illegible]

May be submitted to the Member

P.W.D.
29/12/25

Seen
27/1/26

RAILWAY SECRETARIAT
RECEIVED.
20 JAN. 1926
Diary No.....
GOVERNMENT OF MYSORE

PUBLIC WORKS SECRETARIAT
Regd. No.....
Date 27/1/26
BANGALORE.

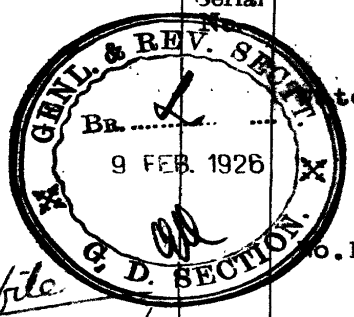
Note—Contn. sheet.

WD 2468—GPB—2,000 copies 20-6-24

Public Works and Electrical Secretariats. | File No. | of 192

010

Serial No.



Municipal file relating to Chickmagalur -- ter Supply-

From P.W.D. No.M. 2901 Dated, 9th February 1926.
one file

Returned, with compliments, to the - - - - Secretary to Government, Local and Legislative -- Departments-

K. R. Seshacha

Secretary to Government,
Public Works Department.

T.R.S.

Note—Contn. sheet.

WD 2468—GPB—2,000 copies 20-6-24

General and Revenue Secretariat

mk File No. 62 of 1928

Serial No

Enclosures to Chief Engineers
U.O. No 1330 of 9.5.1925

D.O. letter No.57 dated the 7th May 1925 from the Executive Engineer, Water Supply Construction Division, to the Chief Engineer of Mysore.

Re Your D.O. No.603 dated 4th May 1925.

The Municipality was informed in this office No.1253 dated the 5th January 1925 that as the works were nearing completion they would be handed over to them next month and the exact date of handing over them would be intimated. But as some odds and ends on the delivery main were not completed, no date for handing over charge was intimated to them. At the same time the Municipality also was not keen on taking over charge ~~and went on taking over charge~~ and went on corresponding about sanctioned plans, &c.

Again very recently, I wrote to the Municipality in this office No.1794 dated 16/17th April 1925 to take over charg of the Distribution System including service reservoirs, Filter beds, &c., except the delivery main, which I said would be handed over little later after finishing some odds and ends. I have not received any reply from the Municipality till now and a reminder was also sent to them on 27th April 1925.

The Service Reservoir is in our charge- but as we have not kept any staff of our own to regulate the distribution such as opening and closing of the valves, &c., we are using the Municipal Fitter to do this work. The Fitter says he has opened the service reservoir doors to regulate the outlet valves noting the levels of water in the service reservoirs and just about that time the Chief Officer happened to inspect the service reservoirs. On my inspection of service reservoirs on several occasions I have not seen the doors open even once.

"True Copy"

Chief Engineer of Mysore.

Extract from letter No.591 dated the 23/25th April 1925 from the Executive Engineer, Water Supply Construction Division, to the Chief Engineer of Mysore.

x x

Filter-Beds.

8. The Chief Officer says - that on the 19th instant (March) when he inspected the filter-beds, every one of them was allowed to dry and that they are not being used for over a month. This is absol: ly false. The Assistant Engineer who happened to be there on the 19t: and 20th says that there was water in the two compartments (2nd and 3rd) and the other was allowed to stand by as usual. About the filter being not used for over a month, he has been mis-informed by some one who does not know anything about what is going on. We have records t show when the filtered water is given, and when not. Only 3 days, i. on 10th, 11th and 12th of March the filters were not used as the to— was fed through bye-pass owing to some repairs on the main.

Again he says that only "25 gallons per minute" is supplie to the filter beds. I do not know how he arrived at this figure. There is a notch cistern which shows at a glance the quantity of water supplied through the filters. The daily record of receipts and issue of water shows that on that day we supplied 89,000 gallons. He evident ly does not know anything about the construction and working of the filters, hence he has made such a blundering statement that only 25 gallons per minute is supplied. Again he says "the filter should hav been filled with water to the maximum depth and tested for at least o: week to make sure of their capacity and efficiency re filling this, i is stated, has not been done". Here again he betrays his ignorance about such things. The filters are in use for the last more than a year and the daily records of water issued from the filters as gauged by the notch show that they are in efficient condition and the bacter logical analysis shows that the filtrate is good. Their capacity cannot be tested by merely filling the filter with water to the maxim

water level. He does not know that as the time goes on, the filters get clogged and their capacity of work gets reduced - and when this occurs the top layer of the sand is to be scraped and thus restore the filters again to their original capacity. These scrapings reduce the depth of sand gradually and when it is reduced by 12" fresh sand to that extent is put back. If he had taken the trouble of going out with suboverseer and verified the statements before he committed them to paper, he would not have made such blundering statement. I strongly object to an unqualified man like him making such misleading statements about technical matters about which he has no knowledge and thereby prejudicing the mind of the authorities

Service Reservoir.

9. This office has nothing to do with the regulation of supply to the town. It was merely as a matter of obligation that during the last out break of cholera, the Suboverseer was directed to help the Municipal authorities in regulating the supply; since the town had to be kept on intermittent supply, so as to manage with only 80,000 gallons a day which we were able to supply from the Ramanhalli anicut.

seeing the advantage in having his services, the Municipality are using him even now, when the supply is considerably increased, and the keys of the service reservoir are with their own servant. It is his duty to keep them locked.

Since the bed of the service reservoir has been plastered with cement, the water looks dirty owing to the colour of the plaster. If only the Chief Officer had taken the trouble to get into the service reservoir on the ladder and test the water with his hands, he would have been convinced that what he saw as dirt was only an illusion.

The wash out is in excellent order. It was very often used by the Department to clean the reservoir. It was easy for

him to test this by opening the valve if he had taken suboverseer with him he would have shown him this; and so he has here again been misinformed by somebody who does not know the real state of affairs.

Regarding the cracks in plaster, these are usual surface sun cracks and they are in no way harmful to the structure, and it is not advisable to give a coat of cement plaster particularly to parapet ~~wall~~ walls. To do this would be a mere waste of money.

Masonry supports to delivery main.

10. The foundations for the existing pillars are three feet to four feet below the bed of the stream. They have stood the extraordinary floods of last year and so, as a professional man I may say there need not be any anxiety about this.

Regarding fresh pillars said to be put up, this I presume is along the new main recently laid; if this is what is meant by him, I have only to say that some odds and ends on this line remain to be finished and we are giving final touches to all such things.

Air Valves.

11. The Chief Officer's impression that "an air valve is require at every rise in pipe line whether that rise is above the hydraulic grade or not" shows that he is a layman as he says and would have bee wise in accepting as correct what technical men have said and done.

this is a ridiculous to make whether either on part of the valve it

If the pipe line is above the "Hydraulic grade" as he calls it - no water would flow through and an air valve at this point would in no way improve matters.

The air valves are quite sufficient and from the experience gained so far, it is seen that never was the want of any more, [illegible]

Leakages.

12. As for leakage, I have sufficiently explained in para 5 above also my letter to the President will throw more light on the subject so I do not repeat it here.

Scour Valves.

13. This is always the case; and the present one is no exception. Here also the Chief Officer betrays his ignorance about technical matters.

he trough filled with jelly leading water to the intake cistern is quite watertight though it need not be. Owing to excess of water in the stream, it sometimes overflows at the top near slabs and this does not mean that the duct is not watertight.

In fact mile and furlong stones do not find an entry in the original sanctioned estimate, but, since we know their necessity and utility, a small estimate for fixing them has been got sanctioned long ago and the work is in progress.

"True Extract"

per Chief Engineer of Mysore.

Mysore Public Works Department. Special Water Supply Constn: Divn

Extract from the

Record of working of Filters and Service Reservoir of Chickmagalur Water works for the months of March and April 1925.

March 1925

Date	Quantity of Water Received	Quantity of Water Issued	Remarks
1-3-25	1,25,000	1,15,000	Calculated at 12 hours discharge into the reservoir
2-3-25	1,20,000	1,12,500	
3-3-25	1,20,000	1,15,000	
4-3-25	1,20,000	1,15,000	
5-3-25	1,15,000	1,10,000	
6-3-25	1,10,000	1,05,000	
7-3-25	1,10,000	1,05,000	
8-3-25	95,000	90,000	
9-3-25	95,000	90,000	
10-3-25			Bye pass Connection given owing to inadequat
11-3-25			

April 1925

Dates	Quantity of Water Received	Quantity of Water Issued	Remarks
1-4-25	1,15,000	1,15,000	
2-4-25	1,10,000	1,10,000	
3-4-25	1,15,000	1,15,000	
4-4-25	1,10,000	1,10,000	
5-4-25	1,10,000	1,10,000	
6-4-25	1,05,000	1,05,000	
7-4-25	1,10,000	1,10,000	
8-4-25	1,60,000	1,40,000	Connection was given both the compartments.
9-4-25	1,06,660	1,06,660	
10-4-25	1,00,800	1,00,800	
11-4-25	1,10,000	1,10,000	

13-3-25	1,06,660	1,01,660		13-4-25	1,00,000	1,00,000	The mains were in constant service on account of jelly in the duct being removed & recharged after cleaning and washing.
14-3-25	1,06,660	1,01,660		14-4-25	75,000	75,000	
15-3-25	1,09,000	1,04,000		15-4-25	90,000	90,000	
16-3-25	1,06,660	1,01,660		16-4-25	1,00,000	1,00,000	
17-3-25	1,06,660	1,01,660		17-4-25	75,000	75,000	
18-3-25	1,06,660	1,01,660		18-4-25	75,000	75,000	
19-3-25	94,000	89,000		19-4-25	95,000	95,000	
20-3-25	94,000	89,000		20-4-25	90,000	90,000	
21-3-25	94,000	89,000		21-4-25	95,000	95,000	
22-3-25	1,20,000	1,15,000		22-4-25	90,000	90,000	
23-3-25	94,000	89,000		23-4-25	1,20,000	1,20,000	
24-3-25	94,000	89,000		24-4-25	1,40,000	1,40,000	* Connection was given from both the compartments & the town had supply both day & night.
25-3-25	1,60,000	1,55,000	New years day. Supplied from 3 hrs. calculated at 9 hours discharge	25-4-25	1,06,660	1,06,660	
26-3-25	1,20,000	1,15,000		26-4-25	1,06,660	1,06,660	
27-3-25	1,33,000	1,28,000		27-4-25	1,00,000	1,00,000	
28-3-25	1,20,000	1,15,000		28-4-25	1,06,660	1,06,660	
29-3-25	1,33,000	1,28,000		29-4-25	1,25,000	1,25,000	
30-3-25	1,33,000	1,28,000		30-4-25	1,20,000	1,20,000	
31-3-25	1,33,000	1,28,000					

Copy

Executive Engineer,
Special Water Supply Constn: Division.

S-d/- D. Subba Rao
Sub-overseer,
Chickmagalur.

Tain Dasal

No. To. H.C. 121 / 24-25

Office of the President,
Town Municipal Council, Chikmagalur.
Dated 26th March 1925.

From

S.Venkataramaiya, Esq., B.A., LL.B.,
President, Municipal Council,
Chikmagalur.

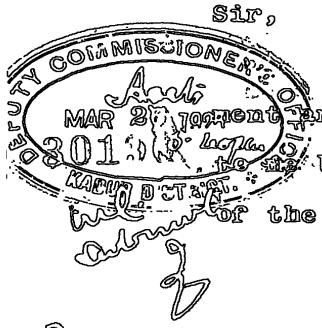
To

B.Nagappa, Esq., Bar-at-Law,
Secretary to Government,
Legal and Legislative Departments,
B A N G A L O R E.

Through

The Deputy Commissioner,
Kadur District.

Sir,



I have the honor to submit, for the information of Government and for such action as the matter requires, a note furnished by the Chief Officer of this Municipality on the inspection of the Water Works that are now in progress.

The notes disclose a bad state of affairs and point out a good many defects so far as the Water Works are concerned. The Works have no doubt been executed all along under the supervision and direction of the responsible technical Engineer Officers Since I am not a professional man in this respect, I cannot express my opinion in regard to them. If, as the Chief Officer's report says due care and attention have not been paid in the execution of the several parts of the work, I venture to say that a tax-payers' money has been dealt with very lightly.

More than once the Municipal Council has requested the Government to locate an Assistant Engineer at Chikmagalur for the Charge of the Water Works, so that due attention and guidance may be afforded to the subordinate staff in the execution of such a costly scheme as the Chikmagalur Water Works, estimated to cost over 2½ lakhs of Rupees. But Government, were however advised by the Departmental authorities that a location of the Engineer was not necessary.

Chikmagalur had a bad Water Supply system; and after getting out of pocket to the extent of over a lakh of Rupees the

Town

6317

Town has a system of Water Supply worse than the one which it was intended to improve.

I would therefore, suggest that the Government may -- kindly arrange for the works being examined by an outside -- Engineer expert before they can be taken over by the Municipa--lity. If on such an examination the works are condemned, the Municipality may perhaps right to claim due reimbersement for the eventual loss.

A copy of this letter and a copy of the Chief Officer's notes of inspection have this day been sent to the Chief ---- Engineer in Mysore for such action as he deem fit to take.

I have the honor to be,

Sir,

Your most obedient servant,

G.E.N.L. & E.D. SECTT. 5. APR. 1925 G. D. SECTION.

40734

S. Venkatachennaya
President.

Submitted with compliments to the Secretary to Government, Local and Legislative Departments, Bangalore.—

Deputy Commissioner
Kadur District

Dated Chitradurga,
the 30th March 1925.

NOTES OF INSPECTION OF FILTER BEDS AND DELIVERY MAIN,
CHIKMAGALUR WATER SUPPLY.

FILTER-BEDS:- Inspected the Filter-beds on the evening of the 19th instant with the Sanitary Inspector. These are three in --- number. Every one of them was been allowed to dry. I learn that they are not being used for over a month; it is said that water - that is being delivered at the filter heads is only 2½ inches (that is about 25 gallons per minute) and that that water is let into the town through Bye-Pass-Valve; this supply is absolutely inadequate to meet the demands of the town. The level of the sand bed in all the three filtering compartments is below the prescribed level by 6 inches. The Filter should have been filled with water to the -- maximum depth and tested for at least one week to make sure of their capacity and efficiency re: filtering. This, it is stated, has not been done.

STORAGE RESERVOIR:- Both the Shutters kept over the covered Service Reservoir had not been locked. There was hardly any water in them. They appeared to have been neglected for a good many days A good lot of sediment was found on the beds besides affording -- harbour to Tadpole and small live-animals. The depth of the stagnant water in them was, at the time of my inspection, about 3 inches. The wash-out valve of the Reservoir, I learn, is not in working order owing to the cloggage of the pipe line; and hence the dirty water cannot find its way out. The plastering over the roof of the reservoir and top of the parapet all-round has cracked in many places and needs retouching with pukka cement plaster.

MASONRY SUPPORTS TO DELIVERY MAIN:- The foundations put up for the 3rd and 4th pillors across the Yagachi stream in support of the main line do not seem to have been laid properly. It is feared that they might give way when there is a great rush of water during the next rains. In five places pukka Masonry pillors across small -- streams have to be put up to support the Delivery Main. The sides of these streamlets have also to be provided with stone revetments.

If this is not rendered to immediately, there is every probability of the main pipe line bending, or the joint s cracking, or the -- pipe line being washed away.

AIR VALVES:- From the Filter-beds up to the Ramanahally Anicut- a distance of about 2½ miles only two Air Valves seem to have been provided. I would suggest as a lawman that at -- least two more air valves be provided. My impression is that an air valve is required at any point where air is likely to -- accumulate owing to a rise in the pipe whether that rise is above the Hydraulic grade or not.

LEAKAGES:- From Byagadahally Anicut up to Head Works, a number of pits were found to have been dug up. It was ascertain--ed that the pipe line was leaking at those places, and that in order to stop the leak the excavations had to be made. To-day (20-3-25) I found one very big leak and 5 smakl ones in the -- course of a mile from the Head Work towards the Filter-beds. I consider that about half the quantity of water expected to be received at the Filter-bed was being wasted away. By the time one leake is set right another will appear. The soil in which the pipe line is laid is simply treacherous. Any amount of -- repairs in this direction does not seem to yield the necessary benefitial effect unless and until the whole line for a distance of about one mile is ripped open and given substantial foundation and relaid with lead joints nicely packed with hemp or yarn. -- Earth filling of the trench opened for laying the pipe line has neither been watered nor ~~tramped~~ tamped. During the next rainy season, the earth work done to the pipe lines is likely to --- further ~~sho~~ sink about a foot or so below the ground level and give a channel like appearance. The earth has already gone --- down the ground level to a depth of about ½ ~~foot~~ half a foot. As the fall from the Head Works up to a distance of about a mile is great; it is apprehended ~~x~~ that the thrown off earth over the pipe line would be washed away during the next monsoon. The -- raising of this portion by at leat one foot over the ground -- level

level (just a Berm-like) and the pitching of stones across the pipe lines done at reasonable intervals, is likely to prevent the wash.

SCOURVALVES:- The diametre of the lead-off pipe attached to - ~~the~~ Scour Valve is less than the diametre of the pipe line at the Scour valve.

The duct leading water to the Intake-cistern at the Head Wor is not properly ~~const~~ constructed, in as much as water rushes out through out its length. It requires to be rendered water tight. --

Masonry structures with iron shutters and locking arrangement have not been put up to protect the out-let, air valves, at the -- Head Works and the Scour valve beyond the Byagadahally Anicut. This is an important item of work requiring immediate attention, as the valves may be meddled with by irresponsible persons.

Had only mile and furlong stones been put up along the pipe line, it would have been possible for me to locate the exact position referred to in the foregoing notes. This item of work, I understand, finds a place in the sanctioned estimate. The Water Supply Departments will be requested to have this work also done a an early date

There is a loud cry for water throughout the Town and for the last ten or twelve days the difficulty is better experienced than described.

Chief Officer.

Chikmagalur,
24th March 1925.

Fair Draft

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE,

General and Revenue Secretariat

Dated, Bangalore 22/5/1925.

No. L 8366
Rue 67-2-6

From The Secretary to the Government of His Highness the Maharaja of Mysore, Local and Legislative Departments.

To

J. Bhore, Esq., A.M.I.C.E.,
Chief Engineer of Mysore.

Sir,

With reference to your Unofficial Note No. 133/ P.W.D. dated the 9th May 1925 on the report of the Chief Officer, Chikmagalur Municipality, regarding the condition of the Town Water Works, I am directed to request you to be so good as to visit Chikmagalur inspect the works and verify the Executive Engineer's report. A report of the result of your inspection may be submitted to Government to enable them to pass suitable orders in the matter.

I have the honor to be,
Sir,
Your most obedient servant,

Secretary to Government,
Local and Legislative Deptts.

TRM.

UBJECT .....

Section Mis
File No. 67 m
Seria. No. 6

Diary No. of letter replied to 6317

No.

General and Revenue Secretariat
(Leg)
the 192

To The Ch Engr Rg. Mys

Sir,

With refce to your
U.O. note No 133/C.W.D. of the
9th May 1925 on the repor
of the Ch Engr, Mr. Chitkara
Municipality regarding
Conditions of the town Rg
Works, I am directed
Sahib request you to be
so good as to [illegible] this
magnum [illegible]
on the spot. [illegible]
[illegible] on receipt of
report Govt will be able

List of enclosures

Copied by

Examined by

over

ml67
Office

6.

Inspection Note on Chickmaglur Water Supply.

---:p:---

1) I inspected the water works on the 20th and 21st May with Mr. Marker, Executive Engineer in charge and - - Mr. Hutcha Rao, Assistant Engineer.

2) The Head Works have been compl- -ed; these consist of a small masonry aniout across the Yegachi stream, ~~and~~ a dust and an intake cistern. These Works have stood the Heavy floods of last year satisfactorily and are in good order

3) The whole delivery main from the Head Works to the filters was examined and there were no signs of any leaks. The main has now been under pressure for some months and all weak joints that were noticed from time to time have been well --- caulked and the main made water tight The scour ~~meters~~ Valves were opened and found to work satisfactorily. The earth- filling of the delivery main trench has settled slightly due to recent heavy rains and necessary earthfill is being done to bring it to ground level. Cross drainage is also re- ceiving attention. With these ----

finishing touches the main will be completed for handing over to the Municipality.

4) I examined the filters and service reservoir. There are three filters in all. Two of these are sufficient to filter the required quantity per day, with one as stand bye. Filters Nos. 1 and 3 were in action. The discharge over the two notches was 3.5" which is equivalent to nearly 50 gallons each per minute or 2 x 3000x 24 = 144,000 gallons per day, the rated capacity being 150,000 gallons per day. The capacity of the service reservoir is 150,000 gallons divided into two compartments, each of 75,000 gallons capacity. The provision of 150,000 gallons per day is made to meet the future demand for a population of 15,000 at 10 gallons per head per day. The present population is a little over 9000 which would give a duty daily supply of over 15 gallons per head. The supply has to be regulated properly, otherwise there will be wastage of good drinking water. I have instructed the Executive Engineer to instal a 6" meter at the service reservoir as a further check over the daily issues to the Town.

5) I also examined several fountains and ~~xxxxxxxxxx~~ found them to be working satisfactorily. The distribution has been considerably improved. The mains have been enlarged and the number of fountains increased from 36 to 77 The quality of water has also improved as certified by the Public Health Institute after analysis. I have known Chickmagalur for the past 31 years and this was the first occasion on which I got good filtered water at the Travellers' Bungalow.

6) I consider that the works have been executed very economically and the quality of work turned out is satisfactory. The works will be ready for handing over to the Municipality for maintenance by the middle of June and they should be taken over from 1st July next. The success or failure of the water works -- will mainly depend on the way the works are managed. A layman like the present Chief Officer will not be able to manage a complicated system of water works such as the Chickmagalur Scheme. The importance of having a technical man in charge of such works has been recognised by the Municipalities of Shimoga and Davangere, and I would strongly advise the Chickmagalur Municipal

Council to follow their good example.

J. W. Bliss 9.6.26

Chief Engineer of Mysore.

ECT

Section Gal.
File No. 67-21
Serial No. 8

Diary No. of letter replied to 7905

No. L9026
Encl-1

General and Revenue Secretariat
( )
the 192

To The President Municipal Council Vadur Dist
Chicknagalur
Sir, Thro' The Deputy Commissioner Kadur
Chicknagalur

Date of issue 25/6/25

Filed by Mr. D. KS. Dpt

Wite reference to your memo No C.1670/24-25 dt 1st April 1925 forwarding letter No H.C.121/24-25 dt 26th March 1925 from the President Municipl Council, Chicknagalur submitting for the information of Govt and for such action as the matter requires, a note furnished by the Chief Officer of the Chicknagalur Municipality on the inspection of the water works that are now in progress. I am directed to forward a copy of the Govt Engineer Inspection Note on Chicknagalur Water supply and to enquire what steps the Municipality propose with regard

List of enclosures

Copied by EBSM 27/6

Examined by

over

Posting to make certified under a
qualified man as to Damages
and Shrinkage.

I have &c

[illegible] Lt & L. Depy to Coun-
cil
[illegible]

No. 5 C. 5
Encl

OFFICE OF THE TOWN MUNICIPAL COUNCIL,
CHIKMAGALUR.

Dated 7 July 1925

From C.B. Heblikar, Esquire, B.A.L.L.B.,
Deputy Commissioner and President,
Town Municipal Council,
Chikmagalur.

GENERAL & REVENUE DEPARTMENT
200
9. JUL 1925

To B. Nagappa, Esquire, Bar-at-law.,
Secretary to Government, Local and Legislative Departments,
BANGALORE.

Rul 67-24-9

Sir,

With reference to your letter No. L. 9026 M1.67-24-8 dated 25-6-25, regarding the Water Works of the Chikmagalur town, I have the honour to submit herewith for the information of .... Government a copy of the resolution of the Municipal Council .... held on the 30th ultimo passed on the letter of the Chief Engineer in Mysore in the matter.

2. As recommended by the Municipal Council in the second para of the resolution, sanction to lay a second main may kindly be obtained from Government, for reasons explained therein. In the course of discussion at the meeting of the municipal council it was represented that in the last summer season a supply of not more than 60,000 gallons could be obtained for several days and that this is insufficient to meet the daily demands of the people for the reason that Chikmagalur is situated in the heart of an agricultural tract and has a large number of cattle and floating population (Viz, Coffee estate coolies).

3. The prayer of the Municipal Council to waive the charges under " Establishment and Tools and Plant " in the sanctioned estimate, deserves the sympathetic consideration of Government. The Council consider this amount, with the savings available will in all probability suffice to lay the second main proposed by them.

4. In regard to the Water Works being put in charge of a

technical man, the Presidents of Shimoga and Davanagere ..... Municipal Councils have been addressed in the matter, and on receipt of their replies needful further action will be taken.

I have the honour to be,

Sir,

Your Most Obedient Servant

Deputy Commissioner and [illegible]

Municipal Council
CHIKMAGALUR.

1925 వ సం. యు క్ష్ బెంగుళూరు మ్యూనిసిపల్ కౌన్సిలు 27-6-25
వ తేదీ శనివారము తేదీ క్రింది నిర్ణయములు చేయుటకు మీరు
కోరబడినారు

C B Hebbar Esqr B.A. L.L.B.,
Dy Comnr. & Pocadent
Municipal Council

Ex officio Members

1 The Treasury Assistant Commr. P.
2 The Executive Engineer A
3 The District Medical & Sanitary officer P.
4 The District Inspector of Education P.

Non. Offl Members

5 Mr. A Gopalakrishna Naik A
6 " S N. Ramanna Chetty P.
Rama Iyengar
7 " C P Basavegowda P.
8 " C Syed peer A
9 " C Khizer Khan P.
10 " M. Abdul Aziz P.
11 " B. N. Hanumantappa P.
12 " B. Kesavayya P.
13 " B.S. Manjunadayya P.
14 " C. Vasudeva Rao P.
15 " S. Venkataramaiya P
16 " A. M. Staggs A
17 " M. Krishna Setty P.
18 " M Siddalinga Setty P.
19 " Thimmaiah Rao P.
20 " Hiriyanna Cakka P

P T O

XXI

RESOLUTION

Resolved with the observation that a reply will be sent to the Government after the report of the Committee appointed for the purpose at the last meeting is received.

Resolved that a second Main be laid out as in the opinion of the Council the present supply which is capable of giving at the most 1,50,000 gallons is insufficient for the needs of the town as the population of the town is at present over 10,000 and Chikmagalur being in the heart of an agricultural tract there is a large number of cattle and there is always a large floating population which factors are not taken into account by the Chief-Engineer in Computating the supply per head.

Also resolved that the Government be moved to forego the charges under the head " TOOLS AND PLANT AND SUPERVISION " included in the estimate for the water supply and recovered from the municipality and that the amount so obtained and the savings in the estimate be utilized towards the cost of the .. second main. If any surplus amount is required it will be found by the municipality by raising, if necessary a second loan. As regards the proposal of the Chief Engineer to put the water-works in charge of a technical man, the President will put ... himself in communication with the Presidents of the Shimoga and Davangere Municipalities and ascertain the arrangements made in those towns.

x x x x x x x x x x x x x x x

Sd. G.B. Nebbikar.

Deputy Commissioner and President
Municipal Council

"Copy"
Deputy Commissioner
Hon. and President.

17939

WD 1936—GPB—5,000—27-4-25

No. 1907

MYSORE PUBLIC WORKS DEPARTMENT,
CENTRAL OFFICE,

Dated Bangalore, 17 August *1925*

REV. SECT. 17 AUG. 1925 From D. ROTTO

GENERAL & REVENUE SECTION 1271 18 AUG. 1925

JOHN BHORE, Esq., A.M.I.C.E.,
Chief Engineer of Mysore,
Bangalore.

To

B. Nagappa, Esq.,Bar-at-Law.,
Secretary to Government, Local and
Legislative Departments, Bangalore.

Pub 67-24-10

Sir

In continuation of this office No.C.511 dated the 9th June 1925, forwarding my report on the Chief Officer's report on the Chickmagalur Water Supply, I have the honour to forward herewith for orders of Government, a copy of letter No.80 dated the 3rd August 1925, from the Executive Engineer, Water Supply Construction Division.

I have the honour to be,
Sir,
Your most obedient servant,

14/8/1925

A.N. 14th. CHIEF ENGINEER OF MYSORE.

Letter No.80 dated the 3rd August 1925, from the Executive Engineer Special Water Supply Construction Division, Bangalore, to the Chief --- Engineer of Mysore, Bangalore.

I have the honour to report that Chickmagalur Water Supply Works are almost complete and I intend to hand them over to the Municipality- but before doing so, I would like to bring to your kind notice that after the department removes the present staff, there would no trained hand left at Chickmagalur to look after this complicated Water Supply System. The Municipality has no trained hand at present in their staff who thoroughly understands the work and who can be relied upon to look after the works efficiently. I had already drawn the attention of the Municipality on this matter, a few months ago in this office No.1838 dated 27th April 1925, copy of which was sent to you in my No.601 dated 27th April 1925. As far as I know, Municipality has taken no action in the matter.

I am afraid in the absence of a properly qualified trained hand to look after them, the water supply works on which we have spent nearly 2.50 lacs will be ruined.

I solicit your kind early orders in the matter.

" Copy "

FOR CHIEF ENGINEER OF MYSORE.

A.N.14th.

App.F.VI-G1.] B650

SUBJECT

Section Vol

File No. 67-24

Serial No. 11

Diary No. of letter replied to 200

No. 4494

To The Dy Comr Kadur Distt

General and Revenue Secretariat

( )

the 192

Sir

With reference to your letter No H.C.5 dy 7th July cq 25 forwarding a copy of the resolution of the Chickmagalur Municipl Council on the letter of the Chief Engineer relating to the Water works & promise of supply stating that a supply ~~will be made~~ after the report of the Committee appointed is received and that a 2nd main is necessary to meet the water supply demand. I am directed to state that the Chickmagalur Municipl Council may be kindly informed that the questio

Date of issue 20/8/25

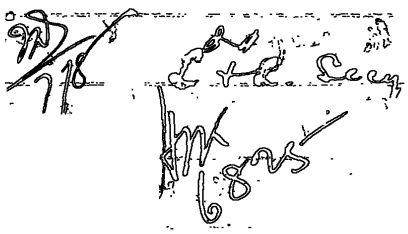
Signed by Mr T: K.S

List of enclosures

Copied by

Examined by

of laying a mean which could
be considered only after it with-
drawn such of the criticisms as
have been found to be incorrect
by the Chief Engineer and agree
to appoint a technical man
for supervising the works
as suggested by the Chief
Engineer.



[Chap.VI G1.]

SUBJECT

Section Lit

File No. 67-24

Serial No. 62

No. L 1761.

To The D.C. Kadur

General and Revenue Secretariat

( )

the 192

Sir,

I am directed to refer to correspondence ending with the letter from this Office No. L 1194/Mil 67-24-11 dated 20.8.25 pointing out the necessity for appointing a Technical Man to Supervise the Chikmagalur Water Supply works and to request that steps may be taken to expedite the question of appointing a Technical man to supervise the town water works.

I have etc

Date of issue 5/9/25

Signed by for T.C.S.

List of enclosures

Copied by

Examined by

Over

8825 P.T.O. Orders issued

Memo d 1987 dated 12 9/25

copy forwarded to Mrs Caulfield 6 Ke.

Sh Engr J Myers forwarding

with reference to letter No 1907

of the 17th Sept 1925

80

Respectfully

Lee Lieber

Dr

28 9 25

13805

D.C.4.]

No. CP 99 21-25

Enc. [illegible]

OFFICE OF THE DEPUTY COMMISSIONER,
KADUR DISTRICT.

Dated Chikmagalur, 15th Septr., 1925

GENERAL & REVENUE SECTT. 2017 23 SEP. 1925 LOCAL SELF GOVT. BRANCH

9. SEP. 1925

From

G.B. Heblikar, Esq., B.A., LL.B.,
Deputy Commissioner,
Kadur District.

To

C.M.C. Nagappa, Esq., Bar-at-law,
Secretary to the Government
of His Highness the Maharaja of Mysore,
Local and Legislative Deptts., *Bangalore.*

Ml. 67-24-13

SIR,

With reference to your letter No. L. 1194/Ml. 67-24-10 dated 20-8-25 regarding the question of the laying out of the 2nd main to Chikmagalur Town, etc., I have the honour to forward herewith copy of resolution No. XVII of the Municipal Council passed on 3-9-1925 together with its enclosure (Copy of the President's official memo on the subject) which explains for itself It will be seen therefrom that the Munucipality will take charge of the Water Works as soon as the petty works noted therein are completed.

2. As regards the appointment of a technical man to be in charge of the Water supply, the Municipal Council consider that the Town Sanitary Inspector is competent to manage the simple gravitation Water works of the Town with the assistance of the newly appointed fitter, and that there is no necessity to appoint a technical man for their supervision as in the Municipalities of Shimoga and Davanagere, where, there are pumping ~~water supply~~ plants and jewell filters which require the services of a qualified Mechanical Engineer.

3. The President says in his note that the Chief Engineer has expressed the opinion that the present Sanitary Inspector may be safely entrusted with the management of the Chikmagalur Water Works.

4. I accordingly request that you will be so good as to obtain sanction

sanction of Government to the proposal, tentatively for a period of one year, at the end of which, the proposed arrangement may be continued or changed in the light of the experience gained.

5. I have this day requested the President of the Municipality to forward to me a resolution of the Municipal Council on the second point (Viz., withdrawal of such of the criticisms of the P.W.D as are incorrect) raised in your letter under advertance. I shall forward the resolution on receipt. I am submitting this resolution in the meanwhile in order that the Water Works may be handed over to the Municipality forth-with.

6. Copy of the resolution of the Municipal Council dated 3-9-1925 is herein enclosed.

I have the honour to be,

Sir,

Your most obedient servant,

Deputy Commissioner,

for Kadur District.

C.D.R.

~~The Hall~~

~~25th~~ August

1925 ನೇ ಇಸವಿ ಸೆಪ್ಟೆಂಬರ್ ತಿಂಗಳ ತಾರೀಖು 3 - 9 - 25 ನೇ ಗುರುವಾರ ನಡೆದ
ಚಿಕ್ಕಮಗಳೂರು ಟವರ್ ಮ್ಯುನಿಸಿಪಲ್ ಕೌನ್ಸಿಲ್ ಮಿಟಿಂಗ್ ಪ್ರೊಸೀಡಿಂಗ್ಸ್.

B. Kesavayya, Esqr., P
President, Municipal Council.

Ex-Officio Members.

2. Mr. The Treasury Assistant Commissioner, P
3. „ The Executive Engineer, P
4. „ The District Medical & Sanitary Officer, A
5. „ The District Inspector of Education, A

Non-Official Members.

6. Mr. A. GopalakrishnaNaik, *Vice President,* P
7. „ S.N. Ramanna alias Rama Iyengar P
8. „ C P. Basave Gowda, A
9. „ C. Syed Peer, P
10. „ C. Khizer Khan, A
11. „ M. Abdul Aziz, P
12. „ B.N. Hanumanthappa, A
13. „ B.S. Nanjundayya, A
14. Mr C. Vasudeva Rao, P
15. „ S. Venkataramaiya, P
16. „ A.M. Staggs, P
17. „ M. Krishna Setty, A
18. „ M. Siddalinga Setty, P
29. „ B. Thuljan Rao, P
20. „ Holeyara Lakka, P

SUBJECTS.

XVII ೨೩- ೯ನು ಕಳಸಂಗು ಪಟಂಗ್ಗಿ ಪಾಂಚಕಿ ಕಟ್ಟಿಸಿವಿ ವಿಚಾರಸ್ಸ ಸಬ್ಬೆ ಯುವರಿ ಕೀಂಚುಟ

Resolution

The President's Note and the reports of the Sub-Committee be adopted and the Charge of the water works may be taken over by the Municapal Council

Sd/ B. Kesavaiyya
President
Municapal Co.
Chairman

Copy"
H. Basappa
for President
the Council

Office of the Municipal Council

Dated the 25th August 1925

M E M O R A N D U M

During the course of my interview with the Chief Engineer, Mr. J. Bhore, this morning, in connection with the Town Water Supply, he was pleased to say that he would arrange to get the trench (PIPE LINE) refilled with earth where it is washed off in the recent rains and set right the revetment which is also washed off below the Dam at the Head Works. He promised to get the above works carried out before the water works are handed over to the municipality.

Regarding the employment of a technical man to be in charge of the water works, the Chief Engineer examined the Town Sanitary Inspector, Mr. B. Alasingra Char and said that the Sanitary Inspector is enough to manage the water supply of the town with the assistance of the newly employed Fitter.

He took me and the Vice President to the Filter Beds and showed us the metre which was recently fixed and explained the system of its working. The flow in the Scour (outlet) valve at the Filter beds which had been found to be not working satisfactorily when it was previously inspected by Mr. S. Venkataramaiya and myself, was found to be alright now. The Chief Engineer ... directed the Sub- Overseer in charge of the works to fix about 4 metre in 4 different places to find out the consumption of water in several localities of the town.

While he was conversing with me in the municipal office he was pleased to say that any number of private connections may be given but only from the sub-mains, and wherever there are no such sub mains, the municipality should provide them at its cost.

He was of opinion that the exsisting rate of water tax may be raised and a fresh water rate levied.

SECOND MAIN. As regards the second main, he said that a sum of about (Rs.30,000/- is available out of the sanctioned estimate and that the said work might be taken up separately later on as no new work not included in the present sanctioned estimate can be taken up now.

"Crow" Sd. B. Kesavaiya,
President

15508

Immediate

WD 1998—GPB—5,000—27-4-25

MYSORE PUBLIC WORKS DEPARTMENT,
CENTRAL OFFICE,

No. 1029

Dated Bangalore, 9 October 1925.

GENERAL & REVENUE DEPARTMENT
9 OCT 1925

FROM

JOHN BHORE, Esq., A.M.I.C.E.,
Chief Engineer of Mysore,
Bangalore.

9. OCT.

To

B. Nagappa, Esq., Bar-at-law.,
Secretary to Government, Local and Legislative
Departments, Bangalore.

Jud 67 - 24 - 14

SIR

I have the honor to forward herewith for information of Government a copy of letter No.384/25-26 dated the 7th September - 1925, with a copy of its enclosure from the President, Town Municipal Council, Chickmagalur re Chickmagalur Water Supply.

2. I have examined the Town Sanitary Inspector, and I am of opinion that he is capable of managing the water supply. He may be appointed to manage the water supply.

3. I have instructed the Executive Engineer, Water Supply Construction Division, to hand over the works immediately.

I have the honour to be,

S i r,

Your most obedient servant,

8.10.25

MRR.3/Sth.

Chief Engineer of Mysore.

Letter No.384/25-26 dated the 7th September 1925, from the President, Town Municipal Council, Chickmagaiur, to the Chief -- Engineer of Mysore, Bangalore.

I herein enclose for favor of information a copy of my Memorandum to the Council as regards the water supply of this town

The Council at their meeting held on the 3rd instant were pleased to hear that the water works will be handed over to them as soon as the petty works (observed by your goodself during your recent inspection) are completed.

As regards the appointment of a technical man to be in charge of the water supply, I explained to them that you were -- pleased to examine the Town Sanitary Inspector and say that he is enough to manage the water supply of this town with the assistance of the newly appointed trained Fitter; and that the sub-Committee appointed to make a report on the water supply works of this town are also in concurrence with your opinion in the matter.

In the matter of enhancing the existing water-rate, the Council agreeing with your advice resolved to appoint a sub-Committee for the purpose and action is being taken in that direction

Regarding the giving of private connections, the Council decided to sanction private connections from the sub-mains only as advised by you.

SECOND MAIN:- In this connection, I have to bring to your kind notice that I have informed the Council that you were pleased to say that a sum of about Rs.30,000/- is available out of the sanctioned estimate and that this work might be taken up later on as no new work not included in the sanctioned estimate could be taken up now.

As recommended by the Sub-Committee the charge of the water works will be taken over by the Municipal Council on hearing from you.

In these circumstances, I request that you may be pleased to address the Government also with your present opinion as regard the technical man for the charge of the water works.

Office of the Municipal Council,

Dated the 25th August 1925.

M E M O R A N D U M.

During the course of my interview with the Chief Engineer, Mr.J.Bhore, this morning, in connection with the Town Water Supply, he was pleased to say that he would arrange to get the trench (PIPE LINE) refilled with earth where it is washed off in the recent rains and set right the revetment which is also washed off below the Dam at the Head Works. He promised to get the above works carried out before the water works are handed over to the Municipality.

Regarding the employment of a technical man to be in charge of the water works, the Chief Engineer examined the Town Sanitary Inspector, Mr.B.Alasingra Char and said that the Sanitary Inspector is enough to manage the water supply of the town with the assistance of the newly employed Fitter.

He took me and the Vice President to the Filter Beds and showed us the metre which was recently fixed and explained the system of its working. The flow in the scour (outlet) valve at the Filter Beds which had been found to be not working satisfactorily when it was previously inspected by Mr.S.Venkataramaiya and myself, was found to be alright now. The Chief Engineer directed the Suboverseer in charge of the works to fix about 4 metres in 4 different places to find out the consumption of water in several localities of the town.

While he was conversing with me in the Municipal Office, he was pleased to say that any number of private connections may be given but only from the sub-mains, and wherever there are no such sub-mains, the Municipality should provide them at its cost.

He was of opinion that the existing rate of water tax may be raised and a fresh water rate levied.

SECOND MAIN:- As regards the second main, he said that a sum of ~~Rx~~ about Rs.30,000 is available out of the sanctioned estimate and that the said work might be taken up separately later on as no new work not included in the present sanctioned estimate can be taken up now.

"C o p i e s."

It was sent to the Secretariat on 21/10/25 - May this receipt & orders on this file be awaited. - other connections

(covers your no L3383-5 and 6/24-1689.11.25-)

Sent for perusal with the Connected file. No further action appears necessary & will be placed along with the other papers in the file

2nd Member

Letter No 5443 dt 12/11/25 from the Chief Engineer - Forwards for information copy of letter no Mis 63/25-26 dt 22.10.25 from the Port Town Mt. Cl. Chikmagalur Stating that he has taken charge of the transfer of Chikmagalur Town Water works from the Ex. Engr Water Supply Construction Div on the forenoon of 21/10/25.

Sent for perusal

2nd Member

GENERAL & REVENUE SECRETARIES
19. NOV. 1925

G. R. S. III—8]

ROUTINE NOTES.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

N. B. -Shouldroutine notes be written on small slips, the notes must b cipped, or blips pasted on this form.

G. R. S. III—3]

ROUTINE NOTES.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

N. B.—Should routine notes be written on small slips, the slips must be signed, or slips pasted on white form.

MEMO OF INSTRUCTIONS FOR WORKING THE PRESENT WATER SUPPLY SYSTEM AT CHICKMAGALUR.

The present works consist of the following main items:-

1. Head works at Hirekolale consisting of a masonry anicut acro the Yagatchi stream for leading water through a jelly duct to a masonry intake cistern, when the water flows by gravity through

2. a delivery main of C.I.pipes from the Head Works to

3. three units of filters after passing through which it is stor in

4. a Service Reservoir in two compartments. This water is fed the town through a network of

5. Distribution mains. In addition to these, there is a

6. Store and Watchman shed where a watchman or fitter can live.

(1) The head works consist of a low masonry anicut across the Yagatchi stream. There is a mild steel scouring sluice in the centre of this anicut. Normally, if the scouring sluice is kept slightly open so as to lead away all the slush, etc., down the stream, there will pass enough water through the jelly duct to keep the masonry intake cistern always full. There is a screen at the front end of the jelly duct which collects all the heavier particles. This scouring sluice should be completely opened once a week at least to allow all the water to flow beyond and when the water in the stream is low, the silt accumulated in front of the jelly duct should be removed. During the monsoon, the scouring sluice should be kept fully open, to offer the least obstruction to the free passage of water.

The jelly duct is a masonry duct covered over with slabs. This should be cleaned every year immediately after the monsoon, this is done by removing the jelly, washing it thoroughly and recharging the duct.

The intake cistern is in two compartments. The first, close to the duct has a silt trap 6' x 6' x 3'. This is meant to retain the fine silt that may get beyond the jelly. The silt sho be removed from this trap as frequently as possible. Removing the

17/48

No. 4834

WD 1998—GPB—5,000—27-4-25

MYSORE PUBLIC WORKS DEPARTMENT,
CENTRAL OFFICE,

Dated Bangalore, 27 October 1925.

27 OCT 1925 FROM

GENERAL & REVENUE DEPARTMENT
2794
26 OCT 1925
LOCAL SELF G.T. BRANCH

JOHN BHORE, Esq., A.M.I.C.E.,
Chief Engineer of Mysore,
Bangalore.

To,

B. Nagappa, Esq., Bar-at-law.,
Secretary to Government, Local and Legislative
Departments, Bangalore.

Mb 57- 24- 15

SIR

2369 I have the honor to inform you that the Chickmagalur Water Supply Works have been completely handed over to the Municipality on the 12th October 1925.

2. I enclose for your information copies of -

(1) Executive Engineer's Memo of Instructions for working the Water Supply system,

(2) Executive Engineer's No.493 dated the 13th October 1925, to the President,

(3) Executive Engineer's No.494 dated the 13th October 1925, to the President.

I have the honour to be,

S i r,

Your most obedient servant,

Chief Engineer of Mysore.

HRR/24th.

Mb? Perusing papers on the subject
along with Ch: Engineer's letter No 4029/8 10/25
stating that he has issued instructions
to the Ex: Engr to hand over charges
the Water Supply works to the Chickmagalur Municipal Council
Accordingly, he has handed over on 12/10/25 vide 2369

silt from here reduces the chances of the same accumulating in the delivery main.

The sides of the jelly duct and the intake cistern have been turfed so as to prevent scouring by rain water. Land to an extent of 50' alround has been proposed to be acquired. The Municipality should see that this bit of land is kept in good order without rank vegetation, etc., so as to be able to inspect the works easily.

The slabs covering the anicut and the revetment above and below it should be inspected frequently, and any repair necessary for these should be attended immediately, as any damage done to them would seriously hamper the supply of water.

2. The Delivery Main.- The delivery main consists of nearly 1100' of 6" C.I.pipes, about 20,000' of 5" pipes and 3500' of 4" pipes. It is designed to supply 1,50,000 gallons in a day of 24 hours. The supply into the main is controlled by means of a sluice valve close to the intake cistern. From the past experience it is found that some people close this valve with the intention of playing mischief. All the valves are located in masonry cistern fitted with locks and keys. It should be seen that all the cistern are always kept locked.

There are three scours on the delivery main. These should be operated as frequently as possible to keep the main clear of silt, etc., They should be opened at least once a month and at greater intervals during the monsoon.

A strip of land 6' wide has been acquired over the delivery main. It must be the duty of the delivery main watchman to go over the line every day and inspect the end of all scour pipes and joints on the main. The strip of land should be maintained a proper condition to enable an easy inspection of the line.

The delivery main crosses the Hirekolale Road near the Ramanhally anicut. During the monsoon, so much water will be flowing here, that the halla is not fordable. A culvert at this not

is a great necessity to enable inspection of the further portion of delivery main and Head Works during the monsoon, when, in fact, the inspection is most needed. The road seems to be a District Fund Road, and the Municipality would be well advised to share the cost with the District Board and put up a culvert at this point.

Where the delivery main crosses hallas, masonry pillars have been constructed with stone in surki mortar to support the pipes, dry stone pitching has been done between the pillars and in the heavy current of the monsoon some of this might get disturbed. These dressings should be inspected frequently and necessary repairs done immediately they are found necessary.

3. FILTERS.- There are three units of filters each capable of dealing with 75,000 gallons per day, two of them are to be kept in service simultaneously, the third being a standbye.

The filtered water of each unit collects in a pure water cistern. There is a gauge in the filter and in the pure water cistern to show the depth of water in each. The zero in the gauge in the latter corresponds with the zero in the former or with the top of sand. The height of unfiltered water on the sand should always be kept between 2' and 2½', and the outlet valve of the filter should be so regulated as to keep the difference between the level of water on the sand and in the pure water cistern constant at 6" to 9". It is only then that the filters would work efficiently.

The discharge from each compartment of the filter is measured with a V notch fixed on the outlet side. The marks made on the notch give the instantaneous discharge both in depth and in quantity. Whenever it is noticed that with the above filtering head, a certain filter is not giving the required discharge, this shows that the filter is choked up. The filter should immediately be thrown out service and the top layer of sand should be scraped to a depth of about ½ inch. This "ripe" sand thus scraped should be collected from time to time and should be recharged after proper washing. sand may be washed after 4 or 5 scrapings.

Normally, it is advisible to throw each unit out of action after it has been in service for 10 to 15 days for aeration.

Before a filter is put into service it should be filled with filtered water from another filter and it is only after the filtered water has reached the top of sand that unfiltered water should be let into it.

4. SERVICE RESERVOIR.- This is in two compartments each capable of holding 75,000 gallons.

To meet emergencies, one of the compartments should always be kept full as a reserve and the supply to the town should be regulated from the other.

The service reservoir should be scoured frequently and the inside cleaned as often as possible. There is a separate scour and overflow provided for either compartment.

5. DISTRIBUTION.- The quantity of water consumed in the tow is recorded on a 6" meter fixed on the main close to the Service Reservoir. A reading taken on it every morning give the sonsumption for the previous day. This computed with the rise or fall in the level of water in the filters and service reservoir gives an accurate record of the supply received from the Head Works.

When the meter is out of order, it can be taken out for repairs the supply to the town being given through the bye-pass line.

There are 78 public fountains provided with single wastenot cocks. It should be made a rule that all public fountains shall be provided with wastenot taps and no others. Private individuals should not be permitted to have this type of cock in their houses. This prevents pilfering of public taps.

The 6" C.I.main running along the Kadur Road is the main feeder to the town and the practice of boring this for house connections should be prohibited. All private house connections

should be given from the submains, leaving the main to feed the further lines. This would ensure a proper supply in all localities.

Most of the taps on the old mains cannot stand the existing high pressure and start leaking when the draw off is low. So it is better, in order to reduce the wastage, to cut off the supply to the town between 8 P.M. and 5 A.M.

G E N E R A L.- Close to the filters is constructed a store and watchman's shed. A fitter who knows how to regulate the working of the filters and the distribution system should be made to stop here.

It must be his duty to go over the distribution mains every day and regulate the supply in the different localities. A number of spare cocks and spare parts of the cocks, rubber insertion, waste, white lead, etc., should always be kept in stock to readily effect any necessary repairs.

Some spare pipes and fittings have been handed over to the Municipality. Whenever these are used on works, fresh spares should be purchased and kept ready.

The man in charge of the works should note down in a book to be specially kept for the purpose, the various dates on which the scours on delivery main, etc., are worked - the cleaning of the jelly duct - the scrapings of sand, etc., - the cleaning of the Service Reservoir for future reference. The daily meter readings must also be kept in a separate register. Any serious bursts, etc., on delivery or distribution main should also be recorded.

==========

Letter No.493 dated the 13th October 1925, from the Executive Engineer, Special Water Supply Construction Division the President, Chickmagalur Municipality, Chickmagalur.

I have the honour to state that the Water Supply Works of Chickmagalur from the Head Works right down to Filter Beds, Service Reservoirs, etc., and on to the Distribution System of the town including that of Hiremagalur were handed over to the President, Chickmagalur Municipality, on 12th morning in good working order.

A Memo of instructions for the proper working of the system is herewith attached for the guidance of the Municipality. This Memo is to be carefully preserved and recorded in the Municipal Office.

The plans of Service Reservoirs and Filter-beds as executed and also of the Distribution System as laid now were already sent to you by me in this office No.1376 dated the 3rd February 1925, and No.1543 dated the 6th March 1925.

A formal acknowledgment of taking over charge may kindly be sent for record in my Department.

The Department would be pleased to render all possible help and technical advice to the Municipality at any time in the matter of their Water Supply in case of trouble or difficulty.

==========

Letter No.494 dated the 13th October 1925, from the Executive Engineer, Special Water Supply Construction Division, to the President, Chickmagalur Town Municipality, Chickmagalur.

In continuation of this office No.493 dated the 13th October 1925, handing over charge of the Water Supply Works to the Municipality, I have the honour to state that now the Municipality will have to maintain and look after the water works at their own cost; they must find out an additional source of revenue to meet this expenditure which will be nearly Rs.200/- a month or Rs.2,400 per year. I learn that there is no general water tax levied in

the city - the only water tax is for private house connections at 8 annas per connection per month. In all well-organized Municipalities where public water supply service is introduced a general water tax is levied at the rate of half the house tax. The income derived from this tax must be not only sufficient to meet the maintenance charges but it must also meet the cost of renewals and put by some money for future augmenting of this water supply. I feel that in near future say in another 10 to 15 years time when Chickmagalur becomes a Railway centre, the population is bound to increase and the present supply may have to be increased. The Municipality must therefore see a head and provide for such a contingency from now. At present they got Rs.10,000/- from house tax. If half as much tax is levied as water tax they will get Rs.5,000/- per year. So it may be added about Rs.1,000/- from private house connections making it in all Rs.6,000/-. Out of this if Rs.2,500/- go towards the maintenance charges the Municipality will be able to lay by Rs.3,500/- per year for future agumenting of their water supply.

In this connection, I would suggest the Municipality to obtain information on this question of general water tax and house connection from different Municipalities and study the practice in force there and then arrive at some definite proposals in the matter

==========

"C o p i e s."

For Chief Engineer of Mysore.

HRR/24th.

C.R.S. VI G 31]

SUBJECT.....

.....

.....

Diary No. of letter replied to..... 2.3.67

Section Local

File No. 67-14

Serial No. 16

General and Revenue Secretariat

( )

, *the*

Proceedings of the Government of His Highness the Maharaja of Mysore

Date of issue.... 9.11.25

Signed by..... h. T.K.S.

Correspondence ending

Read—with letter No 1307 9/7 8/25

from the Chief Engineer of Mysore forwarding for orders copy of letter No 80 of 3.8.25 from the Ex. Engr- Water Supply & Conservancy Dn. reporting that in the absence of a responsible & qualified trained officer to look after the Chikmagalur water supply works the whole works are likely

Order Thereon No.

2) Letter No C 199 dt 18.9.25 from 24.9.25

the Dy.C. Mysore stating that the municipality will take charge of the Chikmagalur water Works when some petty work

May this be

i Printed ?

ii treated as a standing order ?

iii published in the Gazette, English Part ?

iv translated ?

v placed at the disposal of the press ?

vi published in the Gazette, Kannada Part ?

[illegible] complied, that (
it [illegible] council consider
that the town Sanitary Inspector
is competent to manage the
simple gravitation Water works of
the town with the assistance
of the newly appointed fitter, it
[illegible] that the Municipal Council
be requested, that a resolution of the
Municipal Council withdrawing such
of the criticisms as have been
found to be incorrect by the Chief Engineer with regard
to the Water Supply Scheme
[illegible] on receipt, and that Sanction
of Govt. may be accorded to the water
works being handed over to the
Municipality [illegible] forthwith in
accordance with the Resolution
of the Mun. Cl.

3. Letter No 4029 of 8.10.25 from
the Chief Engineer reporting that
he has examined the Town Sanitary
Inspector (Mr. B. Narasimhachar) & found him
Inspector [illegible] capable of
managing the water supply & that
he has instructed the Ex: Engr
Water Supply Construction Dn
to hand over the works immediately

Order No a 3383-5 39 dt

Copied by

Examined by

The action of the Chief Engr.
in arranging to hand over the Chikmagalur Town
Water Supply works to the Mun. Cl
immediately is approved. and

List of enclosures.

WD 1662—GIPB—1,000,00—21-12-21

B. S. G/83]
GENERAL AND REVENUE SECRETARIAT.

ntinuation sheet draft form.)

the resolution of the Mc Council in the matter of the withdrawal of such of the Criticisms relating to the execution of the water works as are found to be incorrect by the Chief Engineer is awaited.

As regards the IInd item, it is observed that the DC has already informed the Mc Council that as intimated to him by the Chief Engr a sum of Rs 30000 would be available out of the Sanctd Estimate & that the work be taken up later on. ~~This is~~ ~~& accepted~~

DC

WW

for Secy to Govt
L & L Dept

HMK
20/10/25

The DC Kadur
The Chief Engr
The Comptr

WD 1998—GPB—5000—25-4-25.

From

H. N. BHORE, Esq., A.M.I.C.E.,
Chief Engineer of Mysore,
Bangalore.

To

B. Nagappa, Esq., Bar-at-law.,
Secretary to Government,
Local and Legislative Departments,
Bangalore.

B. No. 32[illegible]3 Dated 25 November 1925.

12 NOV 1925

3245

13 NOV 1925

GENERAL & REVENUE SECRETARIAT

G. D. SECTION.

Sir,

In continuation of this office No.4029 dated the 8th October 1925 re Chickmagalur Water Supply, I have the honor to forward herewith for information a copy of letter No.Mis.631/25-26 dated the 20th/22nd October 1925, from the President, Town Municipal Council, Chickmagalur stating that he has taken charge of the works from the Executive Engineer, Water Supply Construction Division.

I have the honour to be,
S i r,
Your most obedient servant,

25-11-25

Chief Engineer of Mysore.

HMR/7th.

Proceedings of the Government of His Highness

the Maharaja of Mysore.

Public Works Department.

R e a d:-

1. Letter No.C.121/24-25 dated the 26th March 1925, from the President, Municipal Council, Chickmagalur, to the Secretary to Government, Local and Legislative Departments, forwarding a copy of the Inspection Note by the Chief Officer, Chickmagalur Municipal Council.

2. Un-official reply No.133 dated the 9th May 1925, from the Chief Engineer to the Secretary to Government, Local and Legislative Departments.

3. Further Inspection Note dated the 8th June 1925, by the Chief Engineer of Mysore on Chickmagalur Water Supply Works.

4. Public Works Secretary's Note No.P.26 dated the 24th July 1926 to Government on the subject.

Order No.M. 1882-1885 Dated Bangalore, the 21st November 1925.

In March 1925, the Chief Officer of the Chickmagalur Municipal Council made an inspection of the water works now in progress and his note thereon was submitted to Government in the Local and Legislative Departments by the President, Municipal Council, with his letter No.C.121/24-25 dated the 26th March 1925.

2. The Inspection Note of the Chief Officer contained certain criticisms on technical matters and the President thereon recommended to Government the inspection of works by an outside expert.

3. The correspondence from the President, Municipal Council, was forwarded to the Chief Engineer who subsequently inspected the works and has submitted to Government his Inspection Note with his letter No.91U dated the 9th June 1925.

Government have carefully examined the papers and the following are the facts relating to the case:-

(1) The works were in progress and incomplete when inspected by the Chief Officer and that supplies were then being given by temporary arrangements and the Department was not under any obligation to give this supply;

(2) When supplies were subsequently given from the head works, owing to settlement of earthwork of the pipe line, due to heavy rain and on account of the nature of the soil, some of the pipe joints began to show leaks which had to be repaired;

(3) The system is designed for a daily supply of 150,000 gallons in the interests of a prospective larger population; the actual supply required for the present population is only about 100,000 gallons;

(4) According to the daily register of supplies, the supplies were short of 100,000 gallons from 5th to 15t March 1925, 19th to 24th March 1925 and 13th to 22nd April 1925;

(5) The repairs of leaky joints were the cause of these short supplies;

(6) The Municipality could not expect full supply as designed for, until after all the works were properly completed and any defects in the first workings set right.

5.

has been designed on sound lines; that the execution is satisfactory and that the shortage of supplies were unavoidable as the works were not quite complete.

Government are constrained to observe that the reports of the president of the Municipal Council, Chickmagalur, and the Chief Officer are based on misapprehensions and the Chief Officer who is a non-technical man should not have taken upon himself to inspect the works, when they were in progress under another agency and passed criticisms on technical matters. They also consider that the Chief Officer has exceeded his jurisdiction and gone beyond his legitimate sphere of duties in issuing instructions on technical matters.

K. N. Seshachar

Secretary to Government,
Public Works Department.

21431
GENL. & REV. SECTT.
Be. 2
21 NOV. 1925
C. D. SECTION.

The Chief Engineer of Mysore.
The Secretary to Government, Local and Legislative Departments.
The Deputy Commissioner, Kadur District.
The President, Chickmagalur Municipal Council.

3529
24 NOV. 1925